Altronix®

Rev. 06282023

AL400UL3

Triple Output Power Supply/Charger

Altronix AL400UL3 triple output power supply/charger is designed for use with access control systems and accessories. It converts a 115VAC / 60Hz input into three (3) individually PTC protected 5VDC, 12VDC, and 24VDC regulated outputs.

AL400UL3

Specifications

Input

Voltage	115VAC, 60Hz, 3.5A.

Outputs

Three (3) Class 2 Rated power-limited auto-resettable outputs:

- 5VDC @ 1.75A continuous supply current.
- 12VDC @ 1.75A continuous supply current.
- 24VDC @ 1.5A continuous supply current.

Other: Short circuit and thermal overload protection
Filtered and electronically regulated outputs

Battery Charging

Type	Sealed lead acid or gel type
Failover	Upon AC loss, instantaneous

Batteries are sold separately

Supervision

AC Failure	Form “C” contacts
Battery	Form “C” contacts
Battery Presence	Form “C” contacts

Indicators (LED)

Input	Input voltage is present
DC Output	Powered
Battery	Present

Agency Listings

UL	UL294 (Access Control) UL603 (Power Supplies for Use with Burglar Alarm Systems) UL1069 (Hospital Signaling and Nurse Call Equipment) UL1481 (Fire Protective Signaling Systems)
cUL	CSA Standard C22.2 No.205-M1983, Signal Equipment
CSFM	CSFM Approved
MEA	NYC Department of Buildings Approved

Physical and Environmental

Dimensions (H x W x D)

Enclosure:
13” x 12.5” x 3.25” (330.2mm x 317.5mm x 82.6mm)
Shipping:
15” x 13.875” x 4.75” (381mm x 352.4mm x 120.6mm)
Enclosure accommodates up to two (2) 12VDC/7AH batteries.

Weight (approx.)

Product:	7.8 lb. (3.54 kg).
Shipping:	8.7 lb. (3.95 kg).

Temperature

Operating:	0ºC to 49ºC (32ºF to 120ºF)
Storage:	– 20ºC to 70ºC (– 4ºF to 158ºF)

Relative Humidity	20 to 85%, non-condensing
BTU/Hr. (approx.):	34 BTU/Hr.

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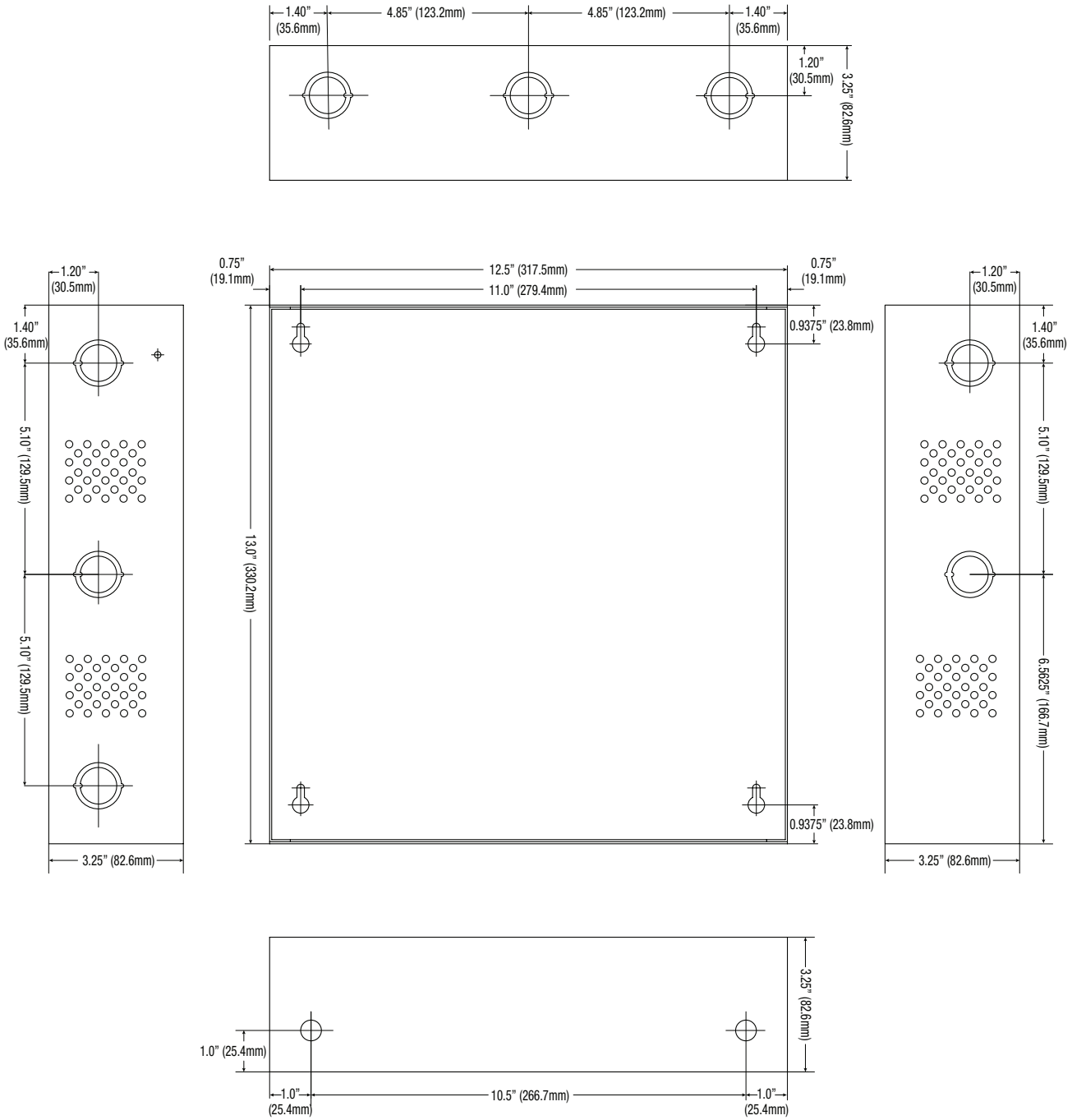
Triple Output Power Supply/Charger

Dimensions and Drawing

Dimensions (H x W x D approximate)

13” x 12.5” x 3.25” (330.2mm x 317.5mm x 82.6mm)